

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 10162245  
PUBLICATION DATE : 19-06-98

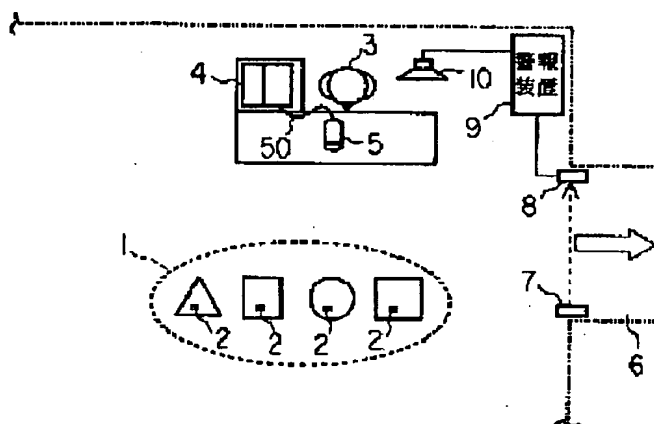
APPLICATION DATE : 27-11-96  
APPLICATION NUMBER : 08315891

APPLICANT : TEC CORP;

INVENTOR : YONEYAMA TATSUYA;

INT.CL. : G07G 1/00 G06F 17/60 G07G 1/12  
G08B 13/24

TITLE : ARTICLE SALE DATA REGISTRATION  
PROCESSOR WITH DATA REWRITING  
FUNCTION FOR NONCONTACT  
COMMUNICATION TYPE STORAGE  
MEDIUM, AND SHOPLIFTING  
PREVENTION SYSTEM USING THE  
SAME



ABSTRACT : PROBLEM TO BE SOLVED: To invalidate a return of an article sold at another store and to prevent shoplifting.

SOLUTION: Each article 1 is provided with a communication tag 2. A POS terminal 4 when inputting the data of the radio tag 2 of a registered article through a radio tag reader/writer 5 checks store code data and status data in the data. When a sale registration mode is selected, a sale registering process for sale data on the registered article is performed and the status data of the radio tag 2 of the registered article are rewritten into a registered state on condition that the store code is of this store and the status data is unregistered. When an article return registration mode is selected, an article return registering process for the sale data of the registered article is performed on condition that the store code is of this store and the status data is already registered. An alarm device 9 checks the status data of the radio tag 2 of an article passed through an exit 6, and judges shoplifting when the status data is unregistered, thereby generating an alarm through an alarm buzzer 10.

COPYRIGHT: (C)1998,JPO